

**REMARKS**

Applicants thank the Examiner for the thorough examination of the application.

Claims 1-28 are pending. Claims 1, 16, 20, 25 and 26 are independent and are amended.

Reconsideration of the present application, as amended, is respectfully requested.

**Claim for Priority**

The Examiner is requested to acknowledge Applicants' claim for foreign priority and receipt of the certified copy of the priority document.

**Drawings**

Applicants have not received a Notice of Draftsperson's Patent Drawing Review, Form PTO-948, indicating whether the formal drawings have been approved by the Official Draftsperson. It is respectfully submitted that the drawings comply with the requirements of the USPTO. Clarification with the next official communication is respectfully requested.

**Rejection under 35 U.S.C. §103(a)**

Claims 1-28 are rejected under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent No. 5,177,406 to Troxell. This rejection is respectfully traversed.

A complete discussion of the Examiner's rejection is set forth in the Office Action, and is not being repeated here.

While not conceding the appropriateness of the rejection, but merely to advance the prosecution of the instant application, independent claim 1 is amended to recite a combination of elements in an electro-luminescence display device, wherein "the values of the first and second driving currents are determined based on an electrical characteristic of an electro-luminescence diode provided in each of the first and second pixels, respectively."

Independent claim 16 recites a combination of elements in an electro-luminescence display device, including "a first driving circuit including a first transistor having a first channel width and a first channel length, the first channel width to the first channel length forming a first ratio; and a second driving circuit including a second transistor having a second channel width and a second channel length, the second channel width to the second channel length forming a second ratio, the first ratio being different from the second ratio and the first and second ratios are determined based on an electrical characteristic of an electro-luminescence diode provided in each of the first and second pixels, respectively."

Independent claim 20 is amended to recite a combination of steps in a method of forming an electro-luminescence display, including “forming a driving transistor for each pixel cell, the driving transistor applying different currents to the pixel cells having different colors such that the pixel cells having different colors are independently driven, wherein the values of the currents are determined based on an electrical characteristic of an electro-luminescence diode provided in each pixel cell.”

Independent claim 25 is amended to recite a combination of steps in a method of forming an electro-luminescence display, wherein “the first driving circuit comprises a first transistor having a first channel width and a first channel length, the first channel width to the first channel length forming a first ratio; and the second driving circuit comprises a second transistor having a second channel width and a second channel length, the second channel width to the second channel length forming a second ratio, the first and second ratios being based on an electrical characteristic of an electro-luminescence diode provided in each of the first and second pixels, respectively.”

Independent claim 26 is amended to recite a combination of steps in a method of forming a electro-luminescence display device, including “forming a second driving circuit including a second transistor having a second channel width and a second channel length, the second channel width to the second channel

length forming a second ratio, the first ratio being different from the second ratio and the first and second ratios are determined based on an electrical characteristic of an electro-luminescence diode provided in each of the first and second pixels, respectively.”

It is respectfully submitted that the combinations of elements and steps set forth in independent claims 1, 16, 20, 25, and 26 are not disclosed or rendered obvious by the sole cited prior art reference, Troxell.

Troxell discloses an active matrix vacuum fluorescent display which includes pixels having phosphors 16a to 16d and pixel switch circuits 18a to 18d, select transistors 30a to 30d and 31a to 31d, and driver transistors 34a to 34d, as shown in FIG. 5. Each of the driver transistors 34a to 34d have corresponding channel widths 36a to 36d, which are different from one another. By varying the channel widths of the driver transistors, the current which flows through the pixel switch circuits can be varied. Thus, for example, the current can be varied so that the pixel switch circuits achieve a uniform brightness among the various colors of the pixels. However, Troxell does not teach determining the values of currents based on an electrical characteristic of an electro-luminescence diode provided in each of the pixels (as in claims 1 and 20), or determining ratios of channel widths to channel lengths of transistors based on an electrical characteristic of an electro-luminescence diode provided in each of the pixels (as in claims 16, 25 and 26).

Therefore, Troxell does not teach or suggest the above-cited limitations of claims 1, 16, 20, 25 and 26.

In view of the foregoing, it is respectfully submitted that Troxell fails to teach or suggest the limitations of independent claims 1, 16, 20, 25, and 26. Accordingly, reconsideration and withdrawal of the rejection rejected under 35 U.S.C. §103(a) based on this reference are respectfully requested. It is believed that the independent claims are allowable, and since the remaining claims depend from allowable independent claims, they are also allowable for at least the above reasons, as well as for the additional limitations provided thereby. Thus, all claims are allowable.

### **CONCLUSION**

All of the stated grounds of rejection have been properly traversed, accommodated, or rendered moot. It is believed that a full and complete response has been made to the outstanding Office Action, and that the present application is in condition for allowance.

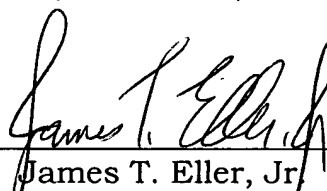
However, if there are any outstanding issues, the Examiner is invited to telephone James T. Eller, Jr. (Reg. No. 39,538) at (703) 205-8000 in an effort to expedite prosecution.

Application No.: 09/667,003  
Art Unit 2674

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Amendment filed June 4, 2004  
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If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or to credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. §§ 1.16 or 1.17, particularly extension of time fees.

Respectfully submitted,  
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2658-0191P  
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